improved fuel quality for vehicles, Pollution Under Control (PUC) certificate system for in-use vehicles stringent diesel generator set emission norms,. use of natural gas as fuel for public transport and thermal power plants in Delhi and Mumbai. In addition, source apportionment studies have been initiated in 6 cities including Delhi and Mumbai for ascertaining contribution to air pollution from various sources.

3. The vehicle inspection programme called PUC Certificate system is enforced under the Central Motor Vehicle Rules, 1991 and the Regional Transport Authorities in various States are responsible for conducting regular emission tests for in-use vehicles.

4. The Ministry of Road Transport and Highways has notified the revised in-use emission norms on 10th February, 2004 for their implementation from 1st October, 2004. Four gases in exhaust emission of in-use vehicles are analysed for compliance of revised standards. Nine metro cities including Delhi, Mumbai and Kolkata have implemented the improved PUC system to check emission from in-use vehicles.

Sewage treatment plants

1878. SHRI BALAVANT *ALIAS* BAL APTE:
SHRI VINAY KATIYAR:

Will the PRIME MINISTER be pleased to state:

(a) whether the setting up of Sewage Treatment Plants under the Ganga and Yamuna Action Plans is obligatory;

(b) if so, the total number of STPs set up under the G.A.P. and Y.A.P., State-wise;

(c) the costs involved in setting up of such plants and sources of funds mobilised therefor;

(d) whether the Union Government provides funds for such plants under any scheme;

(e) if so, the details thereof, State/UT-wise;

(f) whether these plants are fully complying with the prescribed operational norms;

(g) if so, the details thereof, and

(h) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) to (e) Sewage Treatment Plants (STPs) have been set up in different identified towns as one of the core pollution abatement schemes under the Ganga Action Plan (GAP) and Yamuna Action Plan (YAP). These plants are meant for treating the intercepted and diverted sewage to the desired standards before its disposal into the receiving body. The State-wise

status of STPs sanctioned and completed under GAP and YAP is at Statement-I (*See* below).

The Government of India has sanctioned pollution abatement schemes (including setting up of STPs) under different River Action Plans at an estimated cost of Rs. 4260 crore on a cost sharing basis between Government of India and the respective State Government. The State/UT-wise details of the same are at Statement-II (*See* below).

(f) to (h) As per a report of Central Pollution Control Board (CPCB 2006), there are 231 Sewage Treatment Plants (STPs) at present working in Class-I, Class-II cities and other smaller towns in the country. The notified effluent standards for STPs for discharge in surface water bodies are: Biochemical Oxygen Demand - 30 miligrams per litre and Total Suspended Solids—100 miligrams per litre. Based on the performance evaluation of 115 STPs carried out by CPCB, 70 STPs were reported to achieve the stapdards for discharge in surface water. The main reasons for non-compliance of STPs with the prescribed standards, is the poor operation and maintenance of these plants which is the responsibility of the respective State Government or the implementing agencies.

Statement-I

State-wise progress under GAP-I and under NRCP

Sl. No.	Plan/State	Sewage Treatment Plants		
		Sanctioned	Completed	Ongoing
Ganga Action Plan Phase-I				
1	Uttar Pradesh	13	13	0
2	Bihar	7	6	1
3	West Bengal	15	15	0
	SUB TOTAL:	35	34	1
Ganga Action Plan Phase-II				
1	Bihar	0	0	0
2	Jharkhand	0	0	0
3	Uttar Pradesh	8	1	7
4	Uttranchal	10	2	8
5	West Bengal	29	10	19
	SUB TOTAL:	47	13	34
Yamuna Action Plan Phase-I and II				
1	Delhi	8	7	1
2	Haryana	27	27	0
3	Uttar Pradesh	17	15	2
	SUB TOTAL:	52	49	3

Statement-II

Status of progress under GAP phase-I and national river conservation plan

(As on 31-06-2007) *(Rs. in lakh)*

	Action Plan/ State	Estimated Cost	No. of SCH. Santd. 30-06-2007	Cost of SCH. Santd. 30-06-2007	No. of Schemes Com. (31-03-2007)	Funds Released by GOI (30-06-2007)	Funds Released during 2007-08	Expdt. Incurred (by State) (31-03-2007)
	1	2	3	4	5	6	7	8
A	**Ganga Action Plan Phase-I**							
1	Delhi	19995	106	19125.52	106	19012	0	19445.84
2	Uttar Pradesh	5729	45	5401.19	45	5355	0	5272.81
3	Haryana (OECF)	18805	110	18562.09	110	18560	0	18613.38
	SUB TOTAL:	44529	261	43088.8	261	42927	0	43332.03
	Establishment	1675		2243		2243		
	TOTAL (GAP-I):	46204	261	45331.8	261	45170	0	43332.03
B	**Ganga Action Plan Phase-II (Ganga river and tributaries)**							
(i)	**Yamuna Action Plan**							
1	Delhi	18656.42	12	18064.08	12	17714.54	0	16069.53
2	Uttar Pradesh	27988.24	146	28266.5	146	24001.5	0	27323.02
3	Haryana (OECF)	24855.89	111	24220.27	111	17870.4	0	24782.17
	SUB TOTAL:	71500.55	269	70550.85	269	59586.44	0	68174.72

	Yamuna Action Plan Phase-II							
	Delhi	38717	2	15270.4	0	2940	0	0
	Uttar Pradesh	12413	5	11507.94	0	1550	0	831.5
	Haryana	6250	7	1287.66	0	1005	0	609.55
	SUB TOTAL:	57380	14	28066	0	5495	0	1441.05
	TOTAL (Yamuna):	128880.55	283	98616.85	269	65081.44	0	69615.77
(ii)	**Gomati Action Plan**							
	Uttar Pradesh	32137.37	38	31879.09	26	7618.72	231	8402.88
	TOTAL:	32137.37	38	31879.09	26	7618.72	231	8402.88
(iii)	**Damodar Action Plan**							
4	Jharkhand	1022.06	4	41.44	4	19.81	0	36.99
5	West Bengal	1219.18	10	398.41	7	10.74	0	98.43
	TOTAL:	2241.24	14	439.85	11	30.55	0	135.42
(iv)	**Ganga Action Plan-II (Main Stem+Supreme Court Towns)**							
	Uttar Pradesh	19904.74	44	17225.76	17	9420.86	46.8	10668.89
6	Uttranchal	8563.6	44	7062.15	25	2551	0	1662.9
	Jharkhand	47.5	2	20.67	1	0	0	11.17
7	Bihar	3242.23	18	395.18	14	315.13	0	297.54
	West Bengal	31746.06	169	21642.92	61	13272.63	0	11489.64
	CETP (West Bengal)	6500	3	7696	2	3328	0	3952
	TOTAL:	70004.13	280	54042.68	120	28887.62	46.8	28082.15
	GAP-II (TOTAL)	233263.29	615	184978.5	426	101618.33	277.8	106236.22

	1	2	3	4	5	6	7	8
C	**Other River Conservation Plan**							
8	Andhra Pradesh	39511.33	25	36750.68	18	12957.2	0	13387.46
	Jharkhand	3064.09	9	375.62	0	425.6	0	97.65
9	Gujarat	9383:39	13	10195.87	13	8791.86	0	9508.42
10	Karnataka	7199.7	42	6634.43	25	4187.37	0	5232.46
11	Maharastra	12317.31	24	11586.49	19	10120.15	255	10093.98
12	Madhya Pradesh	10119.26	59	7534.98	53	6800.1	0	6852.11
13	Orissa	7227.3	21	6033.03	7	3340.93	50	3758.8
14	Punjab	23458.36	60	21568.26	41	15984.64	2110	24208.32
15	Rajasthan	1321	7	136.4	5	112.17	0	76.61
16	Tamil Nadu	110309.75	68	86863.73	45	60365.89	1103	73423.59
17	Goa	1409.52	5	1409.52	1	856	0	109216
18	Kerala	1845	6	1845	0	78	0	0
19	Sikkim	1581.38	1	1581.38	0	853	0	812.5
20	Nagaland	3174	6	3174	0	450	0	0
	TOTAL:	231921.39	346	195689.4	227	125322.91	3518	148544.07
GRAND TOTAL (B+C):		465184.68	961	380667.9	653	226941.24	3795.8	254780.29
	ESTT, R&D & CON.	13072.52				7619.45	188.7	
	TOTAL (River):	478257.2	961	380667.9	653	234560.69	3984.5	254780.29
OVERALL TOTAL (A to C):		524461.2	1222	425999.7	914	279730.69	3984.5	298112.32